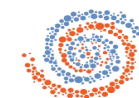




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November 27-29, 2020



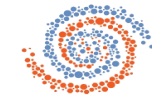
Program Schedule (Tentative) - Day 1

Day 1: Nov 27, 2020 [Friday]					
Time (24 Hrs.)	Program				
09:00-10:00	Inaugural function				
10:00-11:30	Plenary talk: Prof. Om Parkash Malik Title: Evolution of Power systems as Smarter Grids: Role of Control and Automation				
11:30-12:30	Invited talk: Prof. Bhim Singh Title: Solar Water Pumping: An Engineering Innovation for Agriculture		Invited talk: Prof. J. Ramkumar Title: Buzz Word 'Innovation'		
Online Technical Sessions-Day 1					
12:30-14:00	Electrical Engineering (EE) Tracks			Electronics and Communication (EC) Engineering Tracks	
	EE 1.1 Power Converters	EE 1.2 Power System Planning	EE 1.3 Energy Market	EC 1.1 Microwaves and Antennas	EC 1.2 VLSI
	Paper IDs: 69, 247, 340, 484, 532	Paper IDs: 419, 443, 447, 473, 527	Paper IDs: 160, 170, 337, 356, 457	Paper IDs: 25, 75, 142, 147, 161, 208	Paper IDs: 33, 132, 144, 152, 227, 500
14:00-14:30	Lunch				
14:30-16:15	Electrical Engineering (EE) Tracks		Electronics and Communication (EC) Engineering Tracks	Computer Science (CS) Engineering Track	
	EE 1.4 Renewable Energy Systems Control	EE 1.5 Control in Power Electronics Systems	EC 1.3 Image Processing	CS 1.1 Machine Learning	
	Paper IDs: 116, 176, 213, 382	Paper IDs: 129, 410, 413, 521, 529	Paper IDs: 6, 248, 249, 298, 355	Paper IDs: 130, 156, 245, 390, 458, 513	
16:15-17:45	Invited talk : Prof. K.V.S Hari Title: Sensing and Signal Processing for Autonomous Navigation				
End of Day 1					

Note: The details regarding link for joining the online technical sessions will be uploaded shortly. Kindly visit the UPCON-2020 website regularly for updates.



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Program Schedule (Tentative) - Day 2

Day 2: Nov 28, 2020 [Saturday]					
Time (24 Hrs.)	Program				
09:00-10:00	Invited talk: Prof. Saraju P. Mohanty Title: Healthcare Cyber-Physical System (H-CPS) is More Important than Before				
10:00-11:15	Invited talk: Prof. Praveen Jain Title: Resonant Power Conversion: Insights from a Lifetime of Experience	Invited talk: Prof. K. V. Srivastava Title: To be announced			
11:15-11:30	Break				
Online Technical Sessions-Day 2 (Pre-lunch)					
11:30-13:00	Electrical Engineering (EE) Tracks	Electronics and Communication (EC) Engineering Tracks		Computer Science (CS) Engineering Track	
	EE 2.1 Power System Protection	EC 2.1 Materials & Design of Antennas	EC 2.2 Communication System	CS 2.1 Computational Intelligence	
	Paper ID: 48, 216, 236, 358, 383, 396	Paper ID: 15, 163, 311, 333, 436, 464	Paper ID: 62, 287, 412, 428, 468	Paper ID: 145, 299, 380, 427, 519	
13:00-14:00	Lunch				
14:00-15:30	Invited talk: Prof. Hamid Reza Karimi Title: Consensus Control of Multi-agent Systems		IEEE UP Section meeting		
15:30-15:45	Break				
Online Technical Sessions-Day 2 (Post-lunch)					
15:45-17:15	Electrical Engineering (EE) Tracks		Electronics and Communication (EC) Engineering Tracks		Computer Science (CS) Engineering Track
	EE 2.2 Power System Operation & Equipment monitoring	EE 2.3 Control System	EC 2.3 Antennas for Communication	EC 2.4 Wireless Sensors Networks	CS 2.2 Signal Processing & Machine Learning
	Paper ID: 128, 326, 327, 482, 520	Paper ID: 225, 229, 288, 385	Paper ID: 40, 378, 391, 426, 497, 510	Paper ID: 74, 126, 190, 244, 466	Paper ID: 151, 159, 243, 343, 515
End of Day 2					

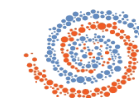
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Program Schedule (Tentative) - Day 3

Day 3: Nov 29, 2020 [Sunday]			
Time (24 Hrs.)	Program		
9:00-10:00	Invited talk: Prof. Shuvra S. Bhattacharyya Title: Model-based Co-simulation and Design Space Exploration or Industrial Wireless Networks	Invited talk: Prof. Atul Prakash Title: Adversarial Machine Learning	Invited talk: Prof. S N Singh Title: Key Issues and Challenges in Smart Grid Implementation
10:00-11:15	Tutorial 1: Mr. Prateek Sikka Novel Methods for Area, Speed and Power Optimization using HLS for FPGA Prototyping	Tutorial 2: Dr. Anamika Yadav Application of Wavelet Transform and Its Variants in Protection of Smart Grids	Tutorial 3: Dr. Satish K Singh Pre-Deep Learning Essentials
11:15-11:30	Break		
Online Technical Sessions-Day 3			
11:30-12:30	Electrical Engineering (EE) Tracks	Electronics and Communication (EC) Engineering Tracks	Computer Science (CS) Engineering Track
	EE 3.1 Power System Operation	EC 3.1 VLSI Design	CS 3.1 IoT and its Applications
	Paper ID: 29, 54, 224, 322	Paper ID: 66, 157, 209, 280, 420, 511	Paper ID: 200, 218, 325, 440
12:30-14:00	Invited talk: Dr. Anurag K Srivastava Title: Data-Driven Tools to Enable Cyber-Physical Resiliency of the Electric Grid	IEEE Young Professional (YP) Activity	IEEE Women in Engineering (WIE) Activity
14:00-14:30	Valedictory function		
End of Day 3			

Note: The details regarding link for joining the online technical sessions will be uploaded shortly. Kindly visit the UPCON-2020 website regularly for updates.